

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("5160839") or ("6367332")).PN.	USPAT	OR	OFF	2010/08/30 11:52
S2	1990203	(IR infrared temperature heat)	USPAT	OR	ON	2010/08/30 12:00
S3	90593	(Object ball) with (path trajectory)	USPAT	OR	ON	2010/08/30 12:01
S4	32055	S2 and S3	USPAT	OR	ON	2010/08/30 12:01
S5	95458	S2 and Camera	USPAT	OR	ON	2010/08/30 12:01
S6	16012	(IR infrared temperature heat) with camera	USPAT	OR	ON	2010/08/30 12:02
S7	1749	S6 and S3	USPAT	OR	ON	2010/08/30 12:02
S8	27	S7 and tennis	USPAT	OR	ON	2010/08/30 12:03
S9	64	(IR infrared temperature heat) with camera with impact	USPAT	OR	ON	2010/08/30 12:11
S10	733	(IR infrared temperature heat) with camera with (incident impact contact)	USPAT	OR	ON	2010/08/30 12:11
S11	0	(IR infrared temperature heat) with camera with (incident impact contact) with (object with ball)	USPAT	OR	ON	2010/08/30 12:11
S12	3	(IR infrared temperature heat) with camera with (incident impact contact) with shadow	USPAT	OR	ON	2010/08/30 12:12
S13	0	(IR infrared temperature heat) with camera with (incident impact contact) with (footprint finger?print footprint)	USPAT	OR	ON	2010/08/30 12:13
S14	4	(IR infrared temperature heat) with camera with (footprint finger?print footprint)	USPAT	OR	ON	2010/08/30 12:13

S15	11	("20050068228" "20070003915" "20070211451" "20080204223" "20090041297" "20090079559" "4703445" "6788200" "7265666" "7474206" "7501945").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 12:15
S16	3	(IR infrared temperature heat) with camera with (incident impact contact footprint finger?print footprint) with Tennis	USPAT; EPO; DERWENT	OR	ON	2010/08/30 12:16
S17	8	(IR infrared temperature heat) with camera with (incident impact contact footprint finger?print footprint) and Tennis	USPAT; EPO; DERWENT	OR	ON	2010/08/30 12:22
S18	8	(IR infrared temperature heat) with camera with (incident impact contact footprint finger?print footprint ghost) and Tennis	USPAT; EPO; DERWENT	OR	ON	2010/08/30 12:26
S19	8	(IR infrared infra?red temperature heat) with camera with (incident impact contact footprint finger?print footprint ghost) and Tennis	USPAT; EPO; DERWENT	OR	ON	2010/08/30 12:26
S20	0	(IR infrared infra?red temperature heat) with camera with tennis with oscillation	USPAT; EPO; DERWENT	OR	ON	2010/08/30 12:57
S21	0	(IR infrared infra?red temperature heat) with camera with tennis with oscillation	USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/30 12:57
S22	33	(IR infrared infra?red temperature heat) with camera with oscillation	USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/30 12:58
S23	2	(IR infrared temperature heat) with camera with tennis	USPAT	OR	ON	2010/08/30 14:07
S24	16012	(IR infrared temperature heat) with camera	USPAT	OR	ON	2010/08/30 14:18
S25	70	S24 and tennis	USPAT	OR	ON	2010/08/30 14:18

S26	110	("3351347" "3580993" "3840669" "3851303" "3944738" "3945716" "3949490" "3973239" "4057782" "4064528" "4067015" "4084184" "4179704" "4183536" "4261647" "4319266" "4380024" "4386363" "4390950" "4407564" "4420770" "4490741" "4521196" "4541013" "4582389" "4591897" "4612666" "4613200" "4647969" "4669810" "4674125" "4700306" "4739406" "4763990" "4775218" "4811084" "4817171" "4846475" "4847603" "4878054" "4892386" "4897726" "4924507" "4950050" "4957297" "4968036" "4970666" "4975770" "4995090" "4999709" "5034732" "5060282" "5063603" "5082263" "5142590" "5149096" "5150895" "5179421" "5184820" "5207720" "5241616" "5245432" "5249039" "5264933" "5268734" "5274716" "5305107" "5313304" "5340108" "5346210" "5353392" "5388825" "5392088" "5394203" "5398075" "5413345" "5414439" "5419562" "5419565" "5423549" "5436672" "5459793" "5465144" "5465308" "5469512" "5469536" "5488675" "5491517" "5498000" "5508737" "5513854" "5524065" "5543856" "5549259" "5563620" "5564698" "5566251" "5592236" "5610653" "5627915" "5668629" "5677532" "5808695").PN. OR ("5953077").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 14:21
S27	21	(IR infrared infra?red temperature heat) with camera with (trajectory path with ball)	USPAT; EPO; DERWENT	OR	ON	2010/08/30 14:37

S28	32	("0420788" "20020119841" "4160942" "4337049" "4545576" "4565527" "4893182" "5039977" "5210603" "5342041" "5365247" "5365427" "5413345" "5542988" "5697791" "5768151" "6093923" "6095928" "6133946" "6289167" "6304665" "6389368" "6396041" "6430997" "6539336" "6567116" "6569336" "6707487" "6774345" "6774349" "6839771").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 14:49
S30	17	(IR infrared temperature heat) and S28	USPAT	OR	ON	2010/08/30 14:51
S31	0	(IR infrared infra?red) with ball with motion with track	USPAT	OR	ON	2010/08/30 16:02
S32	11932	(IR infrared infra?red) with camera	USPAT	OR	ON	2010/08/30 16:02
S33	145	S32 and ball with (motion trajectory path)	USPAT	OR	ON	2010/08/30 16:02
S34	15	S33 and (oscillator pulse flas) with light	USPAT	OR	ON	2010/08/30 16:14
S35	34	("0420788" "20020119841" "4160942" "4337049" "4545576" "4565527" "4893182" "5039977" "5210603" "5342041" "5365247" "5365427" "5413345" "5542988" "5697791" "5768151" "6093923" "6095928" "6133946" "6289167" "6304665" "6389368" "6396041" "6430997" "6539336" "6567116" "6569336" "6707487" "6774345" "6774349" "6839771").PN. OR ("7094164").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 16:19
S36	2	(IR infrared infra?red) with camera and S35	USPAT	OR	ON	2010/08/30 16:21
S37	20	break adj2 trajectories	USPAT	OR	ON	2010/08/30 16:23
S38	1692	(IR infrared infra?red) with camera and (impact)	USPAT	OR	ON	2010/08/30 16:27

S39	698	(IR infrared infra?red) with camera and (impact) and calculate	USPAT	OR	ON	2010/08/30 16:27
S40	276	(IR infrared infra?red) with camera and (impact) and calculate and training	USPAT	OR	ON	2010/08/30 16:27
S41	0	mechanical with oscillation with reciever	USPAT	OR	ON	2010/08/30 16:28
S42	965	camera with motorized	USPAT	OR	ON	2010/08/30 16:43
S43	1	S42 and gimble	USPAT	OR	ON	2010/08/30 16:44
S44	0	S42 and gimbel	USPAT	OR	ON	2010/08/30 16:44
S45	289	S42 and mount	USPAT	OR	ON	2010/08/30 16:44
S46	134	S45 and track	USPAT	OR	ON	2010/08/30 16:44
S47	15	S46 and sport	USPAT	OR	ON	2010/08/30 16:44
S48	49	S46 and microphone	USPAT	OR	ON	2010/08/30 16:46
S49	32	S48 and (sport sports ball)	USPAT	OR	ON	2010/08/30 16:46
S50	0	(463\1,47,48).ccls. (473\416,422).ccls. ("273\317,317.4").ccls. (382\103,325).ccls.	USPAT	OR	OFF	2010/08/30 17:36
S51	2859	(463/1,47,48).ccls. (473/416,422).ccls. (273/317,317.4).ccls. (382/103,325).ccls.	USPAT	OR	OFF	2010/08/30 17:36
S52	2859	(463/1,47,48).ccls. (473/416,422).ccls. (273/317,317.4).ccls. (382/103,325).ccls.	USPAT	OR	OFF	2010/08/30 18:48
S53	7	S52 and camera with motorized	USPAT	OR	ON	2010/08/30 18:48
S54	11958	(IR infrared infra?red) with camera	USPAT	OR	ON	2010/08/31 12:24
S55	147	S54 and ball with (motion trajectory path)	USPAT	OR	ON	2010/08/31 12:24
S56	28	S55 and (oscilator pulse flash) with light	USPAT	OR	ON	2010/08/31 12:24
S57	4	S56 and synchronize	USPAT	OR	ON	2010/08/31 12:24
S58	5	(IR infrared temperature heat) with camera with (footprint finger?print footprint)	USPAT	OR	ON	2011/04/19 17:05

S59	33	(IR infrared temperature heat) with camera with (footprint finger?print footprint residual)	USPAT	OR	ON	2011/04/19 17:08
S60	0	S59 and (12um "12"?um)	USPAT	OR	ON	2011/04/19 17:08
S61	0	S59 and (12um "12"?um)	US-PGPUB; USPAT	OR	ON	2011/04/19 17:09
S62	9	S59 and ball	US-PGPUB; USPAT	OR	ON	2011/04/19 17:09
S63	74	(IR infrared temperature heat) with camera with (footprint finger?print footprint residual)	US-PGPUB; USPAT	OR	ON	2011/04/19 17:11
S64	0	S63 and (12um "12"?um)	US-PGPUB; USPAT	OR	ON	2011/04/19 17:11
S65	19	S63 and ball	US-PGPUB; USPAT	OR	ON	2011/04/19 17:11
S66	0	("2006/0252017").URPN.	USPAT	OR	OFF	2011/04/19 17:15
S67	6	infrared and (12um "12"?um)	US-PGPUB; USPAT	OR	ON	2011/04/19 17:18
S68	33	(IR infrared temperature heat) with camera with (footprint finger?print footprint residual)	USPAT	OR	ON	2011/04/21 11:59
S69	3139	"12" near2 micrometer	US-PGPUB; USPAT	OR	ON	2011/04/21 12:05
S70	2471	"12" near1 micrometer	US-PGPUB; USPAT	OR	ON	2011/04/21 12:05
S71	699	S70 and infrared	US-PGPUB; USPAT	OR	ON	2011/04/21 12:05
S72	76	("12" near2 micrometer) near4 infrared	US-PGPUB; USPAT	OR	ON	2011/04/21 12:06
S73	2	S72 and (sports ball)	US-PGPUB; USPAT	OR	ON	2011/04/21 12:06
S74	0	S72 and (footprint footprint shadow)	US-PGPUB; USPAT	OR	ON	2011/04/21 12:06
S75	5	S72 and train	US-PGPUB; USPAT	OR	ON	2011/04/21 13:20
S76	21	S72 and camera	US-PGPUB; USPAT	OR	ON	2011/04/21 13:23
S77	1	("4193688").PN.	USPAT	OR	OFF	2011/04/21 13:30
S78	57	sound with (activate activated) with camera	USPAT	OR	OFF	2011/04/21 15:57
S79	2	S78 and (sport sports)	USPAT	OR	OFF	2011/04/21 15:58

S80	17	S78 and (train trainer)	USPAT	OR	OFF	2011/04/21 15:59
S81	7	sound near2 (activate activated)near2 camera	USPAT	OR	OFF	2011/04/21 16:04
S82	15	(noise sound) near2 (activate activated)near2 camera	USPAT	OR	ON	2011/04/21 16:09
S83	0	S82 and golf	USPAT	OR	ON	2011/04/21 16:09
S84	127	sound with (activate activated) and golf	USPAT	OR	ON	2011/04/21 16:09
S85	13	S84 and train and swing	USPAT	OR	ON	2011/04/21 16:09
S86	8	(noise sound) near2 (activate activatedtrigger) near2 camera	USPAT	OR	ON	2011/04/21 16:34
S87	25	(noise sound) near2 (activate activated trigger) near2 camera	USPAT	OR	ON	2011/04/21 16:34
S88	15	(microphone) near2 (activate activated trigger) near2 camera	USPAT	OR	ON	2011/04/21 16:41
S89	0	(mic) near2 (activate activated trigger) near2 camera	USPAT	OR	ON	2011/04/21 16:50
S90	0	(mic) near2 (activate activated triggers trigger) near2 camera	USPAT	OR	ON	2011/04/21 16:50
S91	62	(microphone sound) near3 (activate activated triggers trigger) near3 camera	USPAT	OR	ON	2011/04/21 17:07
S92	1	S91 and ((impact hit) with ball)	USPAT	OR	ON	2011/04/21 17:07

EAST Search History (I nterference)

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BallMotion.wsp**